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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2018-07-07-11** **Date: 10-07-18**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and construction of CC road at Urdu school opp road and cross roads at Dasarahalli in Ward No.15
Agency	:	Nandi Enterprises (Pro. P Vijaya Babu) No 1504 4th 'C' Main, 2nd Stage WOC Road, Bangalore-560086
Customer Reference	:	EE/DD/WO/13/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-07-18
Sample ID No	:	2018-07-07-11/01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	07-07-18
Oven Dry Weight	:	10000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	12	12	0.1	99.9	95-100
22.4	2258	2270	22.7	77.3	60-80
11.2	2315	4585	45.9	54.2	40-60
4.75	1799	6384	63.8	36.2	25-40
2.36	1974	8358	83.6	16.4	15-30
0.6	654	9012	90.1	9.9	8-22
0.075	659	9671	96.7	3.3	0-5

Note:-

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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Certificate No : TC- 9548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-08-02-07** **Date: 07/08/2018**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and construction of CC road at Urdu school opp road and cross roads at Dasarahalli in Ward No.15
Agency	:	Nandi Enterprises (Pro. P Vijaya Babu) No 1504 4th 'C' Main, 2nd Stage WOC Road, Bangalore-560086
Customer's Reference	:	EE/DD/WO/13/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-08-18
Sample ID No	:	2018-08-02-07 /01
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	07/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	31/07/2018	07/08/2018	149.66 X 150.52 X 150.75	22527	8.214	412.2	18.3	18.1
2	Drain Concrete	M20	31/07/2018	07/08/2018	150.23 X 150.78 X 150.33	22652	8.156	394.1	17.4	
3	Drain Concrete	M20	31/07/2018	07/08/2018	150.75 X 149.63 X 150.23	22557	8.132	417.3	18.5	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/08/2018

Lab ID	:	**CP-2018-08-02-07**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and construction of CC road at Urdu school opp road and cross roads at Dasarahalli in Ward No.15
Agency	:	Nandi Enterprises (Pro. P Vijaya Babu) No 1504 4th 'C' Main, 2nd Stage WOC Road, Bangalore-560086
Customer's Reference	:	EE/DD/WO/13/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-08-18
Sample ID No	:	2018-08-02-07 /02
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	28/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	31/07/2018	28/08/2018	149.66 X 151.02 X 149.75	22602	8.196	517.6	22.9	22.8
2	Drain Concrete	M20	31/07/2018	28/08/2018	150.42 X 150.66 X 150.74	22662	8.132	523.5	23.1	
3	Drain Concrete	M20	31/07/2018	28/08/2018	149.00 X 149.32 X 150.33	22249	8.245	500.6	22.5	

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Certificate No. : TC- 5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 07/08/2018

Lab ID	:	**CP-2018-08-02-07**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and construction of CC road at Urdu school opp road and cross roads at Dasarahalli in Ward No.15
Agency	:	Nandi Enterprises (Pro. P Vijaya Babu) No 1504 4th 'C' Main, 2nd Stage WOC Road, Bangalore-560086
Customer's Reference	:	EE/DD/WO/13/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-08-18
Sample ID No	:	2018-08-02-07 /01
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	07/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	31/07/2018	07/08/2018	149.75 X 150.44 X 150.75	22528	8.196	380.7	16.9	17.6
2	Drain Concrete	M20	31/07/2018	07/08/2018	150.32 X 150.44 X 149.52	22614	8.163	391.2	17.3	
3	Drain Concrete	M20	31/07/2018	07/08/2018	151.48 X 150.44 X 150.72	22789	8.152	421.6	18.5	

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Certificate No. : TC- 5048

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID	:	**CP-2018-08-02-07**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and construction of CC road at Urdu school opp road and cross roads at Dasarahalli in Ward No.15
Agency	:	Nandi Enterprises (Pro. P Vijaya Babu) No 1504 4th 'C' Main, 2nd Stage WOC Road, Bangalore-560086
Customer's Reference	:	EE/DD/WO/13/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-08-18
Sample ID No	:	2018-08-02-07 /02
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	28/08/2018

Date: 28/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	31/07/2018	28/08/2018	149.75 X 150.22 X 150.63	22495	8.175	535.4	23.8	23.2
2	Drain Concrete	M20	31/07/2018	28/08/2018	149.63 X 151.22 X 149.75	22627	8.163	513.6	22.7	
3	Drain Concrete	M20	31/07/2018	28/08/2018	150.85 X 151.33 X 151.25	22828	8.123	527.3	23.1	

Note:

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